

July 27, 2009

Ms. Michele Pisterzi
AT & T
2427 Union Street
Blue Island, IL 60406

RE: Radiological Survey of Right-of-Way Utility Excavation
Permit No.: 966893616
Permit Address: 300-345 East Ohio Street, Chicago, Illinois
AECOM Project No. 00550352-0300

EPA Region 5 Records Ctr.



333768

Dear Ms. Pisterzi:

Pursuant to conditions specified in a permit (see attached) issued by the City of Chicago, radiation monitoring was required to be performed at the above referenced site. AECOM provided the required radiation surveillance on July 21 and 22, 2009 for the excavation of two pits to repair conduit breakdown in the eastbound lane between 300 and 345 East Ohio Street in Chicago.

The excavation of the first pit began at the in the eastbound traffic lane at the edge of the exit drive for the loading dock and measured approximately 3 by 7 feet with a depth of approximately 3 ½ feet (see attached sketch). The excavation of the second pit was approximately 90 feet to the east of the first pit, measuring 2 by 7 feet along the curb.

Surveying was performed for the asphalt and soil removed for the excavations in the eastbound lanes of East Ohio Street. The monitoring revealed no indication of soils above the specified clean-up threshold established by the U. S. Environmental Protection Agency (USEPA) for the Streeterville area of Chicago. The USEPA threshold for Chicago is 7.1 picocuries per gram (pCi/g total radium (Ra-226 + Ra-228). Gamma radiation count measurements for the project were made using Ludlum Model 2221 survey meter and an unshielded 2 x 2 NaI probe (Model 44-10). For the instrumentation used, the gamma count indicative of the 7.1 pCi/g threshold was 19,482 counts per minute (cpm). The values within the excavation measured from about 6,300 cpm to about 9,700 cpm. Thus, there was no indication of an exceedance of the USEPA threshold.

Finally, as part of the permit conditions, this letter has been forwarded to:

Chicago Department of Environment
Attention: Ms. Rahmat Begum
30 North LaSalle Street, 25th Floor
Chicago, Illinois 60602

Please contact us with any questions you have regarding this letter or the reported results.

Regards,


Jaclyn C. Webb
Assistant Project Engineer


Steven C. Komder, Ph.D.
Senior Project Geoscientist

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cc: Rahmat Begum, Chicago Department of Environment
Verneta Simon, USEPA

Attachments: Permit
Sketch



City of Chicago
Richard M. Daley, Mayor

Department of Environment

Twenty-fifth Floor
30 North LaSalle Street
Chicago, Illinois 60602-2575
(312) 744-7606 (Voice)
(312) 744-6451 (FAX)
(312) 744-3586 (TTY)

<http://www.cityofchicago.org>

Permit No.

966893616

Date

7-14-09

Site Address

303-305 E. OHIO
345-347 E. OHIO

Work Location (describe
exact site location)

2 digs in Eastbound
web LM @ 303-305 E
High @ 345-347 E. OHIO

Nature of Work

to Repair Conduit
breakdown

CITY OF CHICAGO DEPARTMENT OF ENVIRONMENT FORM NO. DOE.ROW.01

Notice is hereby given that the site you have requested information on is recorded with the City of Chicago Department of Environment as potentially having environmental contamination on the site and adjacent right-of way. This environmental contamination could present a threat to human health and safety in connection with work performed at the site, or in the adjacent right-of-way, if proper safeguards are not employed.

A file containing detailed information regarding the aforementioned environmental contamination is available for review at the Department of Environment at 30 N. LaSalle St., 25th Floor, Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday). Contact Rhamat Begum at (312) 744-3152 for an appointment. This file must be reviewed and the remainder of this form completed before the permit can be issued. Please note that for some locations, additional health and safety procedures may be required by law.

Please complete the following:

I have reviewed and understand the documents, maintained by the Department of Environment, regarding environmental contamination of the site and adjacent right-of-way. Further, I will ensure that all work at the subject site and adjacent right-of-way, and any monitoring required including but not limited to radiation monitoring, will be performed in a manner that is protective of human health and the environment and in compliance with all applicable local, state, and federal laws, rules, and regulations, especially those pertaining to worker safety and waste management. I will ensure that the results of any radiation monitoring and/or surveying conducted shall be provided to the Department of Environment within two (2) weeks of their completion. If any elevated levels of radioactive material are detected, I will immediately contact the United States Environmental Protection Agency at (800) 424-8802.

Signature

Michelle Pisterzi

Name (print)

Michelle Pisterzi

Company

AT-T

Address

2417 Union Blue Island IL 60417

Phone No.

708-824-6202

Prime Contractor/Contact

Qualco

Address

P.O. Box 1840 Evanston 60204

Phone

773-542-1530

Safety Officer/Phone

AECOM-Steve Korndee

Radiation Contractor/

Phone (if applicable)

847-279-2448

Signed by Department of Environment

Rhamat Begum

Date

7/14/09

Please return this completed form to the City of Chicago Department of Transportation at 30 N. LaSalle St., Room 1101, Chicago, Illinois 60602 during normal business hours (8:30 AM - 4:30 PM, Monday through Friday).

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Revised Mar. 13, 2002



JOB TITLE AT&T Radiological SurveyingJOB NO. 00550-352CALCULATION NO. -ORIGINATOR Jaclyn WebbDATE 7/23/09SHEET 1OF 1REVIEWER Steve KornderDATE 7/23/09Permit No. 966893616Permit Dates: 7/14/09Site Address: 303-305 E. Ohio Street
345-347

N. Fairbanks Court

